$\overline{}$	Substitute for fo	orm 1449	A/PTO	Complete if Known		
INFO	DMATION	פוח ו	CLOSURE	Application No.	10/814,844	
			PPLICANT	Filing Date	March 30, 2004	
SIAI	LEMENT	o i Ai	PLICANT	First Named Inventor	Jonathan J. Hull	
				Art Unit	2162	
				Examiner Name	Robert Stevens	
Sheet	1	of	8	Attorney Docket Number	20412-08497	

			U.S. PATE	NT DOCUMENTS
		Document No.		
Examiner Initials*	Cite No.1	Number – Kind Code ² (if known)	Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
	A1	US-7,363,580	04-22-2008	Tabata et al.
	A2	US-7,079,278 B2	07-18-2003	Sato
	A3	US-6,752,317	06-22-2004	Dymetman et al.
	A4	US-6,728,466	04-27-2004	Tanaka
	A5	US-6,593,860 B2	07-15-2003	Lai et al.
	A6	US-6,556,241 B1	04-29-2003	Yoshimura et al.
	A7	US-6,544,294	04-08-2003	Greenfield et al.
	A8	US-6,504,620	01-07-2003	Kinjo
	A9	US-6,466,329	10-15-2002	Mukai
	A10	US-6,409,401	06-25-2002	Petteruti et al.
	A11	US-6,332,147	12-18-2001	Moran et al.
	A12	US-6,301,660	10-09-2001	Benson
	A13	US-6,028,601	02-22-2000	Machiraju et al.
	A14	US-6,020,916	02-01-2000	Gerszberg et al.
	A15	US-6,009,442	12-28-1999	Chen et al.
	A16	US-5,990,934	11-23-1999	Nalwa
	A17	US-5,986,655	11-16-1999	Chiu et al.
	A18	US-5,982,507	11-09-1999	Weiser et al.
	A19	US-5,978,477	11-02-1999	Hull et al.
	A20	US-5,974,189	10-26-1999	Nicponski
	A21	US-5,877,764	03-02-1999	Feitelson et al.
	A22	US-5,870,552	02-09-1999	Dozier et al.
	A23	US-5,812,664	09-22-1998	Bernobich et al.
	A24	US-5,802,294	09-01-1998	Ludwig et al.
	A25	US-5,793,365	08-11-1998	Tang et al.
	A26	US-5,760,767	06-02-1998	Shore et al.
	A27	US-5,765,176	06-09-1998	Bloomberg

Examiner Signature	/Robert Stevens/	Date Considered	04/23/2010	
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^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609.

'Applicants unique citation designation number optional). See Kinds Codes of USPTO Patient Documents at www.uspto.gov or MPEP 901.04. "Enter Office that issued the document, by the to-elected code (WIPD Standard ST.3)." For Japanese patient document, the indication of the year of the right precede the serial number of the patient document. "Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible." Applicants is to place a check mark here if English languages Translation is attached.

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				Art Unit	2162	
				Examiner Name	Robert Stevens	
Sheet	2	of	8	Attorney Docket Number	20412-08497	

Document No. Date Name of Patentee or Applicant of Cite Name of Patentee or Applicant of Cite Name of Patentee or Applicant of Cite of Document			U.S. PATE	NT DOCUMENTS
Mol-De-Print		Document No.		
A29 US-5,761,380 06-02-1998 Lewis et al. A30 US-5,767,997 05-28-1998 La8arbern et al. A31 US-5,764,309 05-19-1998 Lagsarber et al. A32 US-5,764,309 05-19-1998 Lopresti et al. A33 US-5,764,309 05-19-1998 Bunce A34 US-5,734,753 03-31-1998 Knox A35 US-5,734,759 02-10-1998 Moran et la. A36 US-5,716,767 02-10-1998 Hamilton A37 US-5,716,779 02-10-1998 Bargen A38 US-5,715,881 02-03-1998 Hamilton A39 US-5,680,957 11-11-1997 Cooper et al. A39 US-5,680,222 10-21-1997 Cooper et al. A40 US-5,598,700 01-21-1997 Damel et al. A41 US-5,598,700 01-21-1997 Damel et al. A42 US-5,489,108 03-12-1996 Cotte et al. A43 US-5,483,71 11-21-1995 Nelson et al. A44 US-5,489,307 10-17-1995 Nelson et al. A45 US-5,483,75 09-05-1995 Cooper et al. A46 US-5,483,75 09-05-1995 Starkey et al. A47 US-5,399,009 11-21-1997 Starkey et al. A48 US-5,483,75 09-05-1995 Cooper et al. A49 US-5,483,75 09-05-1995 Starkey et al. A49 US-5,299,123 03-29-1994 Wang et al. A49 US-5,299,123 03-29-1994 Wang et al. A50 US-5,255,389 10-19-1993 Wang	Cite No.1			
A30 US-5,757,897 05-26-1998 LaBarbera et al. A31 US-5,754,939 05-19-1998 Horz et al. A32 US-5,754,308 05-19-1998 Lopresti et al. A33 US-5,734,753 03-31-1998 Bunce A34 US-5,734,752 03-31-1998 Knox A35 US-5,717,879 02-10-1998 Moran et la. A36 US-5,717,879 02-10-1998 Bergen A37 US-5,710,874 01-20-1998 Bergen A38 US-5,510,874 01-20-1998 Baker A39 US-5,890,957 11-11-1997 Baker A39 US-5,890,057 10-21-1997 Cooper et al. US-5,581,682 12-03-1998 Anderson et al. A41 US-5,581,682 12-03-1996 Cotte et al. A42 US-5,499,100 03-12-1996 Cotte et al. A43 US-5,499,107 10-17-1995 Klotz Jr. A44 US-5,499,307 10-17-1995 Klotz Jr. A45 US-5,499,307 10-17-1995 Klotz Jr. A46 US-5,493,375 09-05-1999 Cooper et al. A47 US-5,493,690 01-18-1999 Lastney et al. A48 US-5,493,575 09-05-1999 Klotz Jr. A49 US-5,493,590 09-05-1999 Cooper et al. A47 US-5,493,590 09-05-1999 Loope et al. A48 US-5,493,690 11-29-1994 Loop et al. A49 US-5,299,123 03-29-1994 Wang et al. A49 US-5,299,123 03-29-1994 Wang et al. A40 US-5,280,509 01-18-1999 Loop et al. A41 US-5,280,509 01-18-1999 MonePolai	A28	US-5,761,686	06-02-1998	Bloomberg
A31 US-5,754,939 05-19-1998 Herz et al. A32 US-5,754,309 05-19-1998 Lopresti et al. A33 US-5,734,753 03-31-1998 Bunce A34 US-5,734,752 03-31-1998 Knox A35 US-5,717,879 02-10-1998 Moran et la. A36 US-5,715,381 02-03-1998 Hamilton A37 US-5,710,874 01-20-1998 Bergen A38 US-5,896,957 11-11-1997 Cooper et al. A39 US-5,690,223 10-21-1997 Cooper et al. A40 US-5,596,700 01-21-1997 Damel et al. A41 US-5,581,682 12-03-1996 Anderson et al. A42 US-5,499,109 03-12-1999 Cotte et al. A43 US-5,493,377 11-11-1995 Nelson et al. A44 US-5,493,307 10-17-1995 Nolson et al. A45 US-5,483,375 09-05-1995 Cooper et al. A46 US-5,483,375 09-05-1995 Starkey et al. A47 US-5,498,590 01-17-1995 Starkey et al. A48 US-5,483,375 09-05-1995 Starkey et al. A49 US-5,299,123 03-29-1994 Wang et al. A49 US-5,299,123 03-29-1994 Wang et al. A49 US-5,299,123 03-29-1994 Wang et al. A51 US-5,253,389 10-19-1993 Wang	A29	US-5,761,380	06-02-1998	Lewis et al.
A32 US-5,754,308 05-19-1998 Lopresti et al. A33 US-5,734,753 03-31-1998 Bunce A34 US-5,734,752 03-31-1998 Knox A35 US-5,717,879 02-10-1998 Moran et la. A36 US-5,715,381 02-03-1998 Hamilton A37 US-5,715,381 02-03-1998 Bergen A38 US-5,806,957 11-11-1997 Cooper et al. A39 US-5,806,223 10-21-1997 Cooper et al. A40 US-5,596,700 01-21-1997 Damell et al. A41 US-5,596,700 01-21-1997 Damell et al. A42 US-5,999,108 03-12-1996 Cotte et al. A43 US-5,499,108 03-12-1996 Cotte et al. A44 US-5,499,107 10-17-1995 Nelson et al. A44 US-5,499,307 10-17-1995 Nelson et al. A44 US-5,498,375 09-05-1995 Cooper et al. A45 US-5,488,375 09-05-1995 Cooper et al. A46 US-5,488,375 09-05-1995 Starkey et al. A47 US-5,399,509 11-29-1994 Wang et al. A48 US-5,299,123 03-29-1994 Wang et al. A49 US-5,299,123 03-29-1994 Wang et al. A50 US-5,255,389 10-19-1993 Wang	A30	US-5,757,897	05-26-1998	LaBarbera et al.
A33 US-5,734,753 03-31-1998 Bunce A34 US-5,734,752 03-31-1998 Knox A35 US-5,717,879 02-10-1998 Moran et la. A36 US-5,715,881 02-03-1998 Hamilton A37 US-5,710,874 01-20-1998 Bergen A38 US-5,689,972 11-11-1997 Baker A39 US-5,689,0223 10-21-1997 Cooper et al. US-5,596,700 01-21-1997 Damell et al. A40 US-5,596,700 01-21-1997 Damell et al. A41 US-5,499,108 03-12-1996 Anderson et al. A42 US-5,499,108 03-12-1996 Cottle et al. A43 US-5,499,108 10-21-1995 Cottle et al. A44 US-5,499,108 US-1,499,509 Cooper et al. A45 US-5,489,377 11-21-1995 Klotz Jr. A46 US-5,489,376 09-05-1996 Cooper et al. A47 US-5,899,508 11-29-1994 Lech et al. A48 US-5,299,123 03-29-1994 Wang et al. A49 US-5,280,509 01-18-1994 Wang et al. A49 US-5,280,509 01-18-1994 Wang et al. A45 US-5,280,509 01-18-1994 Wang et al. A45 US-5,280,309 01-18-1994 Wang et al. A45 US-5,280,309 01-18-1994 MacPhail	A31	US-5,754,939	05-19-1998	Herz et al.
A34 US-5,734,752 03-31-1998 Knox A35 US-5,717,879 02-10-1998 Moran et la. A36 US-5,717,879 02-10-1998 Hamilton A37 US-5,710,874 01-20-1998 Bergen A38 US-5,898,957 11-11-1997 Baker A39 US-5,898,957 11-11-1997 Danell et al. A40 US-5,996,700 01-21-1997 Danell et al. A41 US-5,581,882 12-03-1996 Anderson et al. A42 US-5,499,100 03-12-1996 Cotte et al. A43 US-5,499,100 11-21-1997 Cotte et al. A44 US-5,499,100 03-12-1996 Cotte et al. A45 US-5,499,100 03-12-1996 Cotte et al. A46 US-5,499,100 03-12-1996 Cotte et al. A47 US-5,899,500 11-29-1995 Nelson et al. A48 US-5,499,307 10-17-1995 Klotz Jr. A48 US-5,483,375 09-05-1995 Cooper et al. A49 US-5,489,500 11-29-1994 Lech et al. A47 US-5,899,500 11-29-1994 Wang et al. A48 US-5,299,123 03-29-1994 Wang et al. A49 US-5,280,509 11-29-1994 Wang et al. A50 US-5,255,389 10-19-1993 Wang	A32	US-5,754,308	05-19-1998	Lopresti et al.
A35 US-5,717,879 02-10-1998 Moran et la. A36 US-5,716,381 02-03-1998 Hamilton A37 US-5,710,874 01-20-1998 Bergen A38 US-5,686,957 11-11-1997 Baker A39 US-5,680,022 10-21-1997 Cooper et al. A40 US-5,580,023 10-21-1997 Damell et al. A41 US-5,581,682 12-03-1996 Anderson et al. A42 US-5,499,108 03-12-1996 Cotte et al. A43 US-5,488,371 11-21-1995 Netson et al. A44 US-5,483,377 10-17-1995 Notor et al. A45 US-5,488,375 09-05-1995 Cooper et al. A46 US-5,428,555 06-27,1995 Starkey et al. A47 US-5,399,508 11-22-1994 Wang et al. A48 US-5,299,123 03-29-1994 Wang et al. A49 US-5,280,509 11-28-1994 MacPhail A49 US-5,280,309 11-8-1994 MacPhail A45 US-5,280,509 11-8-1994 MacPhail A45 US-5,280,509 11-8-1994 MacPhail A45 US-5,280,509 11-8-1994 MacPhail	A33	US-5,734,753	03-31-1998	Bunce
A36 US-5,715,381 02-03-1998 Hamilton A37 US-5,710,874 01-20-1998 Bergen A38 US-5,868,957 11-11-1997 Baker A39 US-5,868,957 11-11-1997 Damell et al. US-5,596,700 01-21-1997 Damell et al. A40 US-5,596,700 01-21-1997 Damell et al. A41 US-5,581,682 12-03-1996 Anderson et al. A42 US-5,499,108 03-12-1996 Cotte et al. A43 US-5,499,108 11-21-1995 Nelson et al. A44 US-5,499,307 10-17-1995 Niotz Jr. A45 US-5,489,307 09-05-1995 Cooper et al. A46 US-5,489,307 09-05-1995 Cooper et al. A47 US-5,369,508 11-29-1994 Lech et al. A48 US-5,299,123 03-22-1994 Wang et al. A49 US-5,299,123 03-22-1994 Wang et al. A49 US-5,280,509 01-18-1994 MacPhail A50 US-5,285,309 11-30-1998 Wang A51 US-5,255,389 10-19-1993 Wang	A34	US-5,734,752	03-31-1998	Knox
A37 US-5,710,874 01-20-1998 Bergen A38 US-5,689,957 11-11-1997 Baker A39 US-5,689,957 11-11-1997 Cooper et al. A40 US-5,680,223 10-21-1997 Cooper et al. A41 US-5,581,682 12-03-1996 Anderson et al. A42 US-5,499,108 03-12-1996 Cottle et al. A43 US-5,499,171 11-21-1995 Nelson et al. A44 US-5,499,377 11-21-1995 Nelson et al. A45 US-5,499,307 10-17-1995 Nelson et al. A46 US-5,493,375 09-05-19995 Cooper et al. A47 US-5,499,307 06-27-1995 Starkey et al. A48 US-5,428,355 06-27-1995 Starkey et al. A47 US-5,399,508 11-29-1994 Wang et al. A48 US-5,289,123 03-28-1994 Wang et al. A49 US-5,280,609 01-18-1994 Wang et al. A50 US-5,2867,303 11-30-1983 Wang A51 US-5,255,389 10-19-1993 Wang	A35	US-5,717,879	02-10-1998	Moran et la.
A38 US-5,886,957 11-11-1997 Baker A39 US-5,890,223 10-21-1997 Cooper et al. A40 US-5,590,700 01-21-1997 Damell et al. A41 US-5,591,682 12-03-1996 Anderson et al. A42 US-5,499,108 03-12-1996 Cotte et al. A43 US-5,488,371 11-21-1995 Netson et al. A44 US-5,489,307 10-17-1995 Notice et al. A45 US-5,488,375 09-05-1995 Cooper et al. A46 US-5,483,75 09-05-1995 Cooper et al. A47 US-5,399,500 11-22-1994 Lech et al. A48 US-5,299,123 03-29-1994 Wang et al. A49 US-5,299,123 03-29-1994 Wang et al. A49 US-5,290,303 11-30-1993 Wang A50 US-5,255,389 10-19-1993 Wang	A36	US-5,715,381	02-03-1998	Hamilton
A39 US-5,880,223 10-21-1997 Cooper et al. A40 US-5,596,700 01-21-1997 Damell et al. A41 US-5,581,682 12-03-1996 Anderson et al. A42 US-5,499,108 03-12-1996 Cote et al. A43 US-5,468,371 11-21-1995 Nelson et al. A44 US-5,459,307 10-17-1995 Klotz Jr. A45 US-5,483,375 09-05-1995 Cooper et al. A46 US-5,483,555 06-27-1995 Starkey et al. A47 US-5,369,508 11-29-1994 Lech et al. A48 US-5,299,123 03-29-1994 Wang et al. A49 US-5,280,609 01-18-1994 MacPhail A50 US-5,285,389 10-19-1993 Wang A51 US-5,285,389 10-19-1993 Wang	A37	US-5,710,874	01-20-1998	Bergen
A40 US-5,596,700 01-21-1997 Darnell et al. A41 US-5,581,682 12-03-1996 Anderson et al. A42 US-5,499,108 03-12-1996 Cotte et al. A43 US-5,499,171 11-21-1995 Nelson et al. A44 US-5,459,307 10-17-1995 Klotz Jr. A45 US-5,489,307 09-05-1995 Cooper et al. A46 US-5,489,555 09-05-1995 Cooper et al. A47 US-5,389,508 11-29-1994 Lech et al. A48 US-5,289,123 03-22-1994 Wang et al. A49 US-5,280,609 01-18-1994 Wang et al. A49 US-5,280,509 01-18-1994 MacPhail A50 US-5,285,389 10-19-1993 Wang	A38	US-5,686,957	11-11-1997	Baker
A41 US-5,581,882 12-03-1996 Anderson et al. A42 US-5,499,108 03-12-1996 Cotte et al. A43 US-5,469,307 10-17-1995 Note al. A44 US-5,469,307 10-17-1995 Note al. A45 US-5,469,375 09-05-1995 Cooper et al. A46 US-5,483,75 09-05-1995 Starkey et al. A47 US-5,399,508 11-23-1994 Lech et al. A48 US-5,299,123 03-29-1994 Wang et al. A49 US-5,299,123 03-29-1994 MacPhail A49 US-5,280,309 01-18-1994 MacPhail A50 US-5,287,303 11-30-1993 Wang A51 US-5,255,389 10-19-1993 Wang	A39	US-5,680,223	10-21-1997	Cooper et al.
A42 US-5,499,108 03-12-1996 Cotte et al. A43 US-5,498,371 11-21-1995 Nelson et al. A44 US-5,498,377 10-17-1995 Klotz Jr. A45 US-5,448,375 09-05-1995 Cooper et al. A46 US-5,448,375 09-05-1995 Starkey et al. A47 US-5,369,509 11-29-1994 Lech et al. A48 US-5,299,123 03-22-1994 Wang et al. A49 US-5,280,609 01-18-1994 MacPhail A50 US-5,280,730 11-30-1993 Johnson et al. A51 US-6,255,389 10-19-1993 Wang	A40	US-5,596,700	01-21-1997	Darnell et al.
Ad3 US-5,468,371 11:21-1995 Nelson et al. Ad4 US-5,459,307 10-17-1995 Kotz Jr. Ad5 US-5,448,375 09-05-1995 Cooper et al. Ad6 US-5,428,555 06-27-1995 Starkey et al. Ad7 US-5,369,508 11:29-1994 Lech et al. Ad8 US-5,299,123 03-29-1994 Wang et al. Ad9 US-5,280,609 01-18-1994 MacPhail A50 US-5,280,7303 11:30-1998 Johnson et al. A51 US-5,255,389 10-19-1993 Wang	A41	US-5,581,682	12-03-1996	Anderson et al.
A44 US-5,459,307 10-17-1995 Kötz Jr. A45 US-5,448,375 09-05-1995 Cooper et al. A46 US-5,428,555 06-27-1995 Starkey et al. A47 US-5,399,508 11-29-1994 Lech et al. A48 US-5,289,123 03-29-1994 Wang et al. A49 US-5,280,609 01-18-1994 MacPhail A50 US-5,287,303 11-30-1983 Wang A51 US-5,255,389 10-19-1993 Wang	A42	US-5,499,108	03-12-1996	Cotte et al.
A45 US-5,448,375 09-05-1995 Cooper et al. A46 US-5,428,555 06-27-1995 Starkey et al. A47 US-5,369,509 11-29-1994 Lech et al. A48 US-5,299,123 03-29-1994 Wang et al. A49 US-5,290,609 01-18-1994 MacPhail A50 US-5,267,303 11-30-1993 Johnson et al. A51 US-5,255,389 10-19-1993 Wang	A43	US-5,468,371	11-21-1995	Nelson et al.
A46 US-5,428,555 06-27-1995 Starkey et al. A47 US-5,369,508 11-29-1994 Lech et al. A48 US-5,299,123 03-29-1994 Wang et al. A49 US-5,280,609 01-18-1994 MacPhail A50 US-5,2807,303 11-30-1993 Johnson et al. A51 US-6,255,389 10-19-1993 Wang	A44	US-5,459,307	10-17-1995	Klotz Jr.
A47 US-5,369,508 11-29-1994 Lech et al. A48 US-5,299,123 03-29-1994 Wang et al. A49 US-5,280,609 01-18-1994 MacPhail A50 US-5,287,303 11-30-1998 Johnson et al. A51 US-5,255,389 10-19-1993 Wang	A45	US-5,448,375	09-05-1995	Cooper et al.
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A50 US-5,267,303 11:30-1993 Johnson et al. A51 US-5,255,389 10-19-1993 Wang	A48	US-5,299,123	03-29-1994	Wang et al.
A51 US-5,255,389 10-19-1993 Wang	A49	US-5,280,609	01-18-1994	MacPhail
	A50	US-5,267,303	11-30-1993	Johnson et al.
A52 US-5,243,381 09-07-1993 Hube	A51	US-5,255,389	10-19-1993	Wang
	A52	US-5,243,381	09-07-1993	Hube
A53 US-5,225,900 07-06-1993 Wright	A53	US-5,225,900	07-06-1993	Wright
A54 US-5,168,371 12-01-1992 Takayanagi	A54	US-5,168,371	12-01-1992	Takayanagi

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^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609.

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			U.S. PATE	NT DOCUMENTS
		Document No.		
Examiner Initials*	Cite No.1	Number – Kind Code ² (if known)	Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
	A55	US-5,161,037	11-03-1992	Saito
	A56	US-5,060,135	10-22-1991	Levine et al.
	A57	US-4,987,447	01-22-1991	Ojha
	A58	US-4,437,378	03-20-1984	Ishida et al.
	A59	US-4,417,239	11-22-1983	Demke et al.
	A60	US-2008/0037043 A1	02-14-2008	Hull et al.
	A61	US-2007/0268164 A1	11-22-2007	Lai et al.
	A62	US-2007/0065094 A1	03-22-2007	Chien et al.
	A63	US-2005/0125717 A1	06-09-2005	Segal et al.
	A64	US-2005/0068581 A1	03-31-2005	Hull et al.
	A65	US-2005/0068569 A1	03-31-2005	Hull et al.
	A66	US-2004/0024643 A1	02-05-2004	Pollock et al.
	A67	US-2004/0039723 A1	02-26-2004	Lee et al.
	A68	US-2004/0036842 A1	02-26-2004	Tsai et al.
	A69	US-2004/0184064 A1	09-23-2004	TaKeda et al.
	A70	US-2004/0207876 A1	10-21-2004	Aschenbrenner et al.
	A71	US-2004/0215470 A1	10-28-2004	Bodin
	A72	US-2004/0090462 A1	05-13-2004	Graham
	A73	US-2004/0024643 A1	02-05-2004	Pollack et al.
	A74	US-2003/0184598 A1	10-02-2003	Graham
	A75	US-2003/0177240 A1	09-18-2003	Gulko et al.
	A76	US-2003/0163552 A1	08-28-2003	Savitzky et al.
	A77	US-2003/0164898 A1	09-04-2003	Imai
	A78	US-2003/0130952 A1	07-10-2003	Bell et al.
	A79	US-2003/0128877 A1	07-10-2003	Nicponski
	A80	US-2003/0076521 A1	04-24-2003	Li et al.
	A81	US-2002/0163653 A1	11-07-2002	Struble et al.

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INEO	DMATION	n Die	CLOSURE	Application No.	10/814,844	
			PPLICANT	Filing Date	March 30, 2004	
SIA	IEMENIE) A	PLICANI	First Named Inventor	Jonathan J. Hull	
				Art Unit	2162	
				Examiner Name	Robert Stevens	
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U.S. PATENT DOCUMENTS									
		Document No.							
Examiner Initials*	Cite No.1	Number – Kind Code ² (if known)	Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document					
	A82	US-2002/0137544 A1	09-26-2002	Myojo					
	A83	US-2002/0101343 A1	08-01-2002	Patton					
	A84	US-2002/0097426 A1	07-25-2002	Gusmano et al.					
	A85	US-2002/0095501 A1	07-18-2002	Chiloyan et al.					
	A86	US-2002/0085759 A1	07-04-2002	Davies et al.					
	A87	US-10/814842	03-30-2004	Hull et al.					
	A88	US-10/814580	03-30-2004	Hull et al.					
	A89	US-10/660867	09-12-2003	Erol et al.					

FOREIGN PATENT DOCUMENTS								
Foreign Patent Document								
Examiner Initials*	Cite No.1	Country Code ³ – Number ⁴ Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	T ⁶			
	B1	EP 1 001 605 🕰 🕰	05-17-2000	Xerox Corporation				
	B2	EP 459 174-A2 B1	11-20-1996	International Business Machines Corporation				

		OTHER REFERENCES - NON-PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume*issue number(s), publisher, city and/or country where published	T°
	C1	ABDEL-MOTTALEB, M. et al., "Face Detection in Complex Environments from Color Images," IEEE ICIP 622-626, 1999.	
	C2	Adobe Acrobat Reader 3.0 screen dumps (fig. 1-3), 1996. 3 pages	
	C3	ARONS, B. "SpeechSkimmer: A System for Interactively Skimming Recorded Speech," ACM Transactions on Computer-Human Interaction 4(1):3-38. 38 pages 10/15/08	
***************************************	-04	BROWN et al. "A Diany Study Of Information Capture In Working Life," Proceedings Of ACM CHI 2000	
		Conference On Human Factors In Computing Systems, 2000, pp. 438-445, vol. 1.	
	C5	"c:\\9149920c.wpd - unmodified" Screen Shots of document created in Corel WordPerfect, 4 pages (April 30, 2002)	

Examiner Signature /Robert Stevens/	Date Considered	04/23/2010
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		OTHER REFERENCES – NON-PATENT LITERATURE DOCUMENTS	
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	C6	DAMIANI, E. et al. "A Fine-Grained Access Control System for XML Documents," ACM Transactions on	
		Information and System Security, May 2002, pp. 169-202, Vol. 5, No.2.	
	C7	DIVAKARAN, A. et al., "Video Browsing System Based on Compressed Domain Feature Extraction," IEEE Transactions on Consumer Electronics 46:637-644. 10/15/08	
	C8	DORAI, C. et al., "Perceived Visual Motion Descriptors from MPEG-2 for content-based HDTV annotation and retrieval," IEEE 3rd Workshop on Multimedia Signal Processing, 147-152. 10/15/08	
	C9	EROL, BERNA et al., "Linking Multimedia Presentations With Their Symbolic Source Documents: Algorithm And Applications," ACM Multimedia '03, Nov. 2-8, 2003, pp. 498-507, Berkeley, CA.	
	C10	EROL, B. et al., "Local Motion Descriptors," IEEE Workshop on Multimedia Signal Processing, 467-472, 2001.	
	C11	EROL, BERNA et al., "Prescient Paper: Multimedia Document Creation With Document Image Matching," 17th International Conference On Pattern Recognition, Aug. 2004, 4 pages, Cambridge, U.K.	
	C12	EROL, BERNA et al, "Retrieval Of Presentation Recordings With Digital Camera Images," IEE Conference On Computer Vision And Pattern Recognition (CVPR), June 27-July 2, 2004, 2 pages, Washington, D.C.	
	C13	European Search Report, EP 05008745, June 6, 2005, 4 pages.	
	C14	"Facelt Face Recognition Technology Frequently Asked Technical Questions," Visionics Corporation, 36 pages. 10/15/08	
	C15	FOOTE, J. et al., "Finding Presentations in Recorded Meeting Using Audio and Video Features." ICASPP, 3029-3032, 1999.	
	C16	FOOTE, J. et al., "FlyCam: Practical Panoramic Video and Automatic Camera Control," Proceedings of International Conference on Multimedia & Expo, 3:1419-1422, 2000.	
	C17	GLANCE, NATALIE et al., "Knowledge Pump: Community-Centered Collaborative Filtering," Xerox Research Centre Europe, Grenoble Laboratory, October 27, 1997, pp. 1-5.	
	C18	GRASSO, A. et al., "Augmenting Recommender Systems by Embedding Interfaces Into Practices," Proceedings of the 33rd Hawaii International Conference on System Sciences 2000 IEEE, pp. 1-9.	
	C19	GRASSO, ANTONIETTA et al., "Supporting Informal Communication Across Local and Distributed Communities," Xerox Research Centre Europe, Grenoble, France, 8 pages. 10/15/08	
	C20	GREENBERG, Saul, "A Fisheye Text Editor For Relaxed-WYSIWIS Groupware," ACM SIGCHI'96 Conference on Human Factors in Computing System, Companion Proceedings, 1996, pp. 212-13.	
	C21	GROSS, R. et al., "Face Recognition in a Meeting Room," IEEE International Conference on Automatic Face and Gesture Recognition, 294-299. 10/15/08	
	C22	GROSS, R. et al., "Towards a Multimodal Meeting Record," Proceedings of International Conference on	

Examiner Signature	/Robert Stevens/	Date Considered	04/23/2010	
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				Examiner Name	Robert Stevens	
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		Multimedia and Expo, 1593-1596. 10/15/08	
	C23	HOADLEY, C., "A Very Short Introduction to UNIX," The Metropolitan State College of Denver/Information Technology Center for Technology Services, April 30, 2002, pp. 1-18.	
	C24	HSU, R.L. et al., "Face Detection in Color Images," Proc. International Conference on Image Processing, 1046-1049, 2001.	
	C25	JANG, et al., "Improving Acoustic Models With Captioned Multimedia Speech," IEEE, 1999, pp. 767 771.	
	C26	JOHNSON, S.E., "Who Spoke When? - Automatic Segmentation and Clustering for Determining Speaker Turns," Proc. Of Eurospeech, 679-682, 1999.	
	C27	KAPRALOS, B. et al., "Eyes 'n Ear Face Detection," 2001 International Conference on Image Processing, 1:65-69, 2001. 4 pages	
	C28	KARASIK, Image Processing in Perl Graphic Applications, Google 4/2/03, pages 1-12. 10/15/08	
	C29	KHARE, R., "Anatomy Of a URL (and other Internet-Scale Namespaces, Part 1)," IEEE Internet Computing, Sept-Oct., 1999, pp. 78-81.	
	C30	KIMBER, D. et al., "Acoustic Segmentation for Audio Browsers," Proc. Interface Conference, Sydney, Australia, 10 pages, 1996.	
	C31	LAUESEN, S., "User Interface Design: A Software Engineering Perspective," preface to page 11, copyright 2005 28 pages	
	C32	LEE, D. et al., "Segmenting People in Meeting Videos Using Mixture Background and Object Models," Proc. Of Pacific Rim Conference on Multimedia, Taiwan, Dec. 16-18, pages, 2002. 8 pages	
	C33	LIENHART, RAINER et al., "Localizing And Segmenting Text In Images And Videos," IEEE Transactions On Circuits And Systems For Video Technology, April 2002, pp. 256-268, Vol. 12, No. 4.	
	C34	LUTZ, Raymond, "BrowseFax Initiative," MPFA Information Site, downloaded from Internet, http://www.mtpa.org/pub/browsefax_wp.htm on 5/14/04 11 pages	
	C35	MAYBURY, M. et al., "Segmentation, Content Extraction and Visualization of Broadcast News Video Using Multistream Analysis." AAAI Paper, 1997. 11 pages	
	C36	MEYERS et al., "Facsimile with Encrypted Hard Copy," IBM Technical Disclosure Bulletin, TD8 04-78, April 1, 1978, pp. 4994-4995, [online] [Retrieved on April 7, 2006] Retrieved from the Internet LVIRL:http://www.ip.com/pub/wis/MPCOM/000694470> 	
	C37	"Microsoft Powerpoint - Wikipedia, the free encyclopedia," Wikimedia Foundation, Inc., [online] [Retrieved on November 7, 2006] Retrieved from the internet <url:http: en.wikipedia.org="" microsoft="" powerpoint="" wiki=""> 5</url:http:>	pages
	C38	OTSU, N., "A Threshold Selection method From Gray-Level Histograms," IEEE Transactions on Systems, Man and Cybernetics, January 1979, pp. 92-66, vol. SMC-9, no. 1. 6 pages	

Examiner Signature	/Robert Stevens/	Date Considered	04/23/2010
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OTHER RECEDENCES. NON DATENT LITERATURE ROCLIMENTS

		OTHER REFERENCES – NON-PATENT LITERATURE DOCUMENTS		
Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ^o	
	C39	PFAU, T. et al., "Multispeaker Speech Activity Detection for the ICSI Meeting Recorder," Proc. IEEE		
		Automatic Speech Recognition and Understanding Workshop, 4 pages, 2001.		
	C40	PINGALI, G. et al., "Multimedia Retrieval Through Spatio-Temporal Activity Maps," ACM Multimedia 129-136, 2001.		
	C41	RIST, T. et al. "Adding Animated Presentation Agents to the Interface," ACM International Conference on Intelligent User Interfaces, Pages 79-86, 1997.		
	C42	RUI, Y. et al., "Viewing Meetings Captured by an Omni-Directional Camera," ACM SIGCHI '01, Vol. 3, No. 1, Pages 450-457, Seattle, March 31-April 4, 2001.		
	C43	SHEN, H. et al. "Access Control For Collaborative Environments," CSCW 92 Proceedings, November 1992, Pas. 51-58.		
	C44	SRIHARI, S.N. et al., "Name And Address Block Reader System For Tax Form Processing," IEEE, 1995, pp. 5-10.		
	C45	SLOMAN, M., "Policy Driven Management For Distributed Systems," To be published in Journal of Network and Systems Management, Plenum Press, 1994, Vol. 2, No. 4. 21 pages		
	C46	SNOWDON, DAVE et al., "Diffusing Information in Organizational Settings: Learning from Experience," CHI 2002, Volume No. 4, Issue No. 1, April 20-25, Minneapolis, Minnesota, pp. 331-338.		
	C47	STAUFFER, C. et al., *Adaptive Background Mixture Models for Real-Time Tracking,* Proceedings of Computer Vision and Pattern Recognition. 249259. 10/15/08 7 pages		
	C48	SUN, X. et al., "A Motion Activity Descriptor and its Extraction in Compressed Domain," Proc. IEEE Pacific- Rim Conference on Multimedia (PCM '01), 4 pages, 2001.		
	C49	SUN, X. et al., "Panoramic Video Capturing and Compressed Domain Virtual Camera Control," ACM Multimedia, Pages 329-338, 2001.		
	C50	TRITSCHLER, A. et al., "Improved Speaker Segmentation and Segments Clustering Using the Bayesian Information Criterion," Proc. Of Eurospeech, Pages 679-682, 1999.		
·	C51	U.S. Application No. 40/944,032, filed Merch 30, 2004 (copy, not enclosed).		
	C52	U.C. Application No. 40/914.751, filed Moreh 30, 2004 (septy not proloced)		
	050			
	C54	U.S. Application No. 10/615;647, filed watch 50, 2004 (copy not enclosed).		
		U.S. Application No. 10/011,601, filed March 98, 2001 (copy not enclosed).		Keesse
	C55	U.S. Application No: 10/814,948, filed warch 30, 2004 (copy not enclosed).		.000000
	CEG	C.S. Application No. 10/614,586, tilled warch 36, 2004 (cupy not enclosed):		*****
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	C36	U.S. Application No. 10/814,500, tiled water 50, 2004 (copy not enclosed).		
	C50-	U.S. Application No. 10/014;045; filed Murch 98; 2804 (copy not englosed)		
	-660-	U.3. Application No. 09/714,703, filed November 15, 2000 (copy not enclosed):		
	C61	VideoLogger, Automate Video Acquisition and Production, Virage, Inc., [online] [Retrieved on April 26, 2002] Retrieved from the Internet <url:http: details.cfm?productid="5&categoryID=1" products="" www.virage.com="">3</url:http:>	page	3
	C62	WAIBEL, A. et al., "Advances in Automatic Meeting Record Creation and Access," Proceedings of the International Conference on Acoustics, Speech, and Signal Processing, Pages 597-600, 2001.		
	C63	WILCOX, L. et al., "Annotation and Segmentation for Multimedia Indexing and Retrieval," Proceedings of the Thirty-First annual Hawaii International Conference on System Sciences (Wailea, Hawaii), Volume II, Pages 259-267, January 1998.		
	C64	Xerox, "Flowport, Effective Document Management," brochure, 2 pages. 10/15/08		
	C65	Xerox, Flowport, Paper that knows where it's going," Xerox Corporation, specification sheet, 1 page. 10/	15/08	
	C66	Xerox, "Flowport Software, Solutions for the Legal Market from Xerox", 20001 Xerox Corporation, 2 pages.	10/1	5/08
	C67	Xerox, "Flowport™ Xerox Image Routing Software FlowPort Overview," Xerox Corporation, 2003, 4 pages. 1.		
	C68	YANG, J. et al., "Multimodal People ID for a Multimedia Meeting Browser," Proceedings of ACM Multimedia, pages 159-168, 1999.		
	C69	YANG, M.H. et al., "Detecting Faces in Image: A Survey," IEEE Transactions on Pattern Analysis and Machine Intelligence, 24(1):34-58, 2002.		
	C70	Zdnet, "Captured! Three document capture systems tested," Zdnet, Technology & Business, November 28, 2002, [visited on April 29, 2003] http://www.zdnet.com/au/printfriendly?AT=2000023555-20270277-4 >, 8 pages.		

Examiner Signature	/Robert Stevens/	Date Considered	04/23/2010	
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